

# PATENT ABSTRACTS OF JAPAN

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## (54) CORDLESS KEY TELEPHONE SYSTEM

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To use plural cordless telephone sets even in a narrow room by providing plural patterns to revise strength of transmission power from a radio circuit and properly selecting any of the patterns.

**SOLUTION:** When a radio link is set up, a control section

25 samples a received electric field strength X from a radio circuit 23 to monitor it. When the electric field strength X exceeds a threshold level SH being a weak mode, whether or not a revised pattern indicates a strong stationary mode is discriminates. When the revised pattern does not indicate the strong stationary mode, the processing is made in the weak mode. On the other hand, when the electric field strength X is not in excess of the level SH and the revised pattern indicates

the strong stationary mode, a speech state is transited in the strong mode. Thus, radio circuits 23, 32 control transmission power in the weak mode or the strong mode according to a received electric field strength at setup of the radio link in other modes than the strong stationary mode. Any of the patterns is properly selected, then a noise production rate due to a control signal during communication is reduced and plural cordless telephone sets are used even in a narrow room.

